

## **REMARKS**

Claims 1-26, 61-63, and 69-71 are pending in the application. Claims 1-26, 61-63, and 69-71 stand rejected. No new matter has been added. The Examiner's objections and rejections in the final office action are addressed below in substantially the same order as in the office action.

## **OBJECTIONS TO THE CLAIMS**

The Examiner objects to claim 71 for reciting the element of an “acquisition device co-located with the sensor unit and **receiving seismic signals** from only the one sensor unit **for receiving the signal** and the location parameter.” Claim 71 has been canceled.

## **REJECTIONS UNDER U.S.C. § 112**

The Examiner has rejected claims 2 and 3 under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. Claims 2 and 3 have been amended to remove reference to “common housing,” “sensor housing,” “first housing,” and “second housing.” Amended claim 2 includes the element of a location sensor and acquisition device in a housing. Support for this can be found at least in paragraph [0043], [0046], [0052] and Figure 4.

## **REJECTIONS UNDER U.S.C. § 102**

Claims 70 and 71 stand rejected under 35 U.S.C. 102(b) as being anticipated by Orban (US 6,353,577). Claims 70 and 71 have been cancelled.

## **REJECTIONS UNDER U.S.C. § 103**

Claims 1, 4-13, 15-26, 61, 63, 72-75, and 78-79 stand rejected as being unpatentable over Tanenhaus (US 6,255,962) in view of Orban (US 6,353,577).

Claim 1 includes a second memory configured to store a location parameter associated with the sensor unit. Tanenhaus does not teach, disclose or suggest a second memory configured to store a location parameter associated with the sensor unit. Orban also does not teach, disclose or suggest this feature. Thus, no combination of Tanenhaus and Orban includes all of the features of claim 1. Therefore claim 1 is not obvious over Tanenhaus and Orban.

Claims 4-13, 15-26 and 72-75 depend from claim 1. Therefore, the Applicant submits that claims 4-13, 15-26 and 72-75 are not obvious in view of Tanenhaus and Orban and the prior art of record for the reasons provided with respect to claim 1.

Claim 61 has been amended to include a second memory in the central controller that is configured to store a location parameter associated with the sensor unit. Tanenhaus does not teach, disclose or suggest a second memory for storing a location parameter at a central controller. Orban also does not teach, disclose or suggest this feature. Thus, no combination of Tanenhaus and Orban includes all of the features of claim 61. Therefore claim 61 is not obvious in view of Tanenhaus and Orban.

Claims 63 and 76-79 depend from claim 61. Therefore, the Applicant submits that claims 63 and 76-79 are not obvious in view of Tanenhaus and Orban and the prior art of record for the reasons provided with respect to claim 61.

Claims 14 and 62 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Tanenhaus in view of Orban as applied to claims 1-13 and 61 above, and further in view of Rialan (US 5,276,655). However, Rialan does not show or disclose a second memory configured to store a location parameter, as in claims 1 and 61. Thus no combination of Tanenhaus, Orban and Rialan teaches, discloses or suggests at least one feature of claims 1 and 61 from which claims 14 and 62 depend. Thus, claims 14 and 62 are not obvious in view of Tanenhaus, Orban and Rialan.

Claim 69 has been canceled.

## **CONCLUSIONS**

For all the foregoing reasons, Applicants respectfully submit that the application is in a condition for allowance and such action is requested. The Commissioner is hereby requested to grant a petition for an extension of time for three months to make this response timely and is hereby authorized to charge any fee for such an extension of time or credit any overpayment for an extension of time to Deposit Account No. **13-0010 (IO-1096)**.

Respectfully submitted,

Dated: November 5, 2007

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